



ARRL Sanctioned Hamfest

Special Guest
Rick Roderick,
K5UR
ARRL
First Vice President



NINETEENTH ANNUAL AES SUPERFEST APRIL 5th & 6th • 2013



All inside at AES • 5710 W. Good Hope Road • Milwaukee, WI

Friday, April 5th (2:00 P.M. to 6:00 P.M.) & Saturday, April 6th (8:30 A.M. to 3:00 P.M.)

FREE Parking & Admission • Manufacturer Representatives • Clubs & Organizations • Forums

V.E. Testing • Gordon West • QSL Card Checking • Fox Hunt • Talk-in • Boy Scouts Food Concession

Our special guest Rick Roderick, K5UR of Little Rock Arkansas has been a ham for over 44 years. He is an ARRL Life Member, holding numerous ARRL volunteer positions and has served on the ARRL and CQ Magazine DX Advisory Committees for many years. Rick was instrumental in the creation and implementation of Logbook of the World and the DXCC Challenge Award. He has been on the ARRL Board of Directors for 20 years and currently is serving as the First Vice President. Be sure to attend Rick's DX forum at 10:35 A.M. and chat with him at the ARRL booth during the show.

Manufacturers

ALINCO
ARRL
Ameritron
CableXperts
Cushcraft
Diamond Antenna
Gold Medal Ideas
HyGain
ICOM America
Jim's Engraving
KENWOOD USA
Larsen Antennas
MFJ Enterprises
Mirage
PowerWerx
QST Magazine
RF Parts Company
RadioWavz Antennas
Times Microwave Systems
Timewave Technology, Inc.
Unified Microsystems
Vectronics
West Mountain Radio
Wouxun
YAESU USA

Clubs & Organizations

Air Force MARS
Badger Contesters
Chicago FM Club/Radio Expo (CFMC)
Chicago Marathon Ham Radio Support Team
Chicago Q5 Club Net (N9JBW)
Community Emergency Response Team (CERT)
Courage Center (Handi-Hams)
Fond du Lac Amateur Radio Club
Four lakes Amateur Radio Club
Greater Milwaukee DX Association (GMDXA)
Ham Nation
LeFrog
Lakeshore Repeater Association
Metro DX Club
Miller Valley ARC
Milwaukee Area Amateur Radio Society (MAARS)
Milwaukee Area Digital Operator's Group (MADOG)
Milwaukee Area Fox Hunters
Milwaukee County Amat. Radio Emergency Service
Milwaukee Radio Amateurs Club (MRAC)
Milwaukee Repeater Club (MRC)
Milwaukee Sail and Power Squadron
Milwaukee/Waukesha ARES
N9WQ Vintage Radio
Navy-Marine Corps MARS
Northeast Wisconsin DX Association (NEWDXA)
North Shore Radio Club
Official Observers
OZARES
Ozaukee Radio Club
QCWA Chapter 162 and Others
Peoria-Area Amateur Radio Club (PAARC)
Radio Club of America
Radio Search, Inc.
Racine/Kenosha ARES
Racine Megacycle Club
Red Cross Emergency Response Vehicle (ECRV)
SEWFARS
Skywam
Society Radio Operators
South Milwaukee Amateur Radio Club
Starved Rock Radio Club
Sullivan Weather Amateur Radio Association
United States Power Squadrons
West Allis Radio Amateur Club (WARAC)
Washington County ARES/RACES
WeComm, Ltd.
Wisconsin Amateur Radio Club
Wisconsin Council of REACT Teams
Young Amateur Contest Team (YACHT)

ACTIVITIES FOR SATURDAY

8:30 A.M. – 11:15 A.M.

V.E. TESTING – Bring a form of ID (driver's license O.K.), the Original & Photocopy of your Ham license (if applicable) and any CSCE. **(Last exam at 11:00 A.M.)**

8:30 A.M. – NOON

QSL CARD CHECKING (DXCC, WAS, WAC & VUCC)

Courtesy of Ron Gorski, N9AU and John Meyer, NZ9Z (at the GMDXA table)

9:00 A.M. – 10:00 A.M.

FOX HUNT WORKSHOP

Paul Gruettner, WB9ODQ and Others (at the Milwaukee Fox Hunt Club table)

The first 30 minutes will cover the equipment needed and different fox hunting techniques. Receive handouts on how to build or buy the antennas and receivers for fox hunting. For the last 30 minutes, those interested will go outside to the back of the AES property and try hunting techniques using a couple of different styles of equipment. Three different transmitters will be set up at different levels of difficulty to track down.

SATURDAY FORUMS

8:45 A.M. – 9:30 A.M.

WeComm (The Statewide Voice & Digital Wireless 2-way Communications Network) *Bill Niemuth, KB9ENO (President, WeComm, Ltd. and Assistant ARRL Wisconsin Section Manager for Communications Infrastructure)*

WeComm, Ltd. is a Wisconsin non-profit, tax-exempt organization created to construct and maintain dedicated voice and digital networks for WI ARES/RACES. While Bill was Wisconsin's ARES SEC, several large activations demonstrated the need for a dedicated communications infrastructure ARES/RACES teams could count on to help them better communicate on behalf of their served agencies. Construction began in 2006, and as the network nears completion in 2013, Bill will discuss the challenges, successes and use of the network. For the diehard ARES/RACES member, technophile and those interested in Ham Radio.

9:40 A.M. – 10:25 A.M.

GO BEYOND PSK-31!

Darren Rook, KC9SSL (Head Engineer, West Mountain Radio)

With so many digital sound card modes being developed it's easy for new or old modes to get lost in the shuffle. A discussion of some new or old underutilized modes such as: *ALE400*, a relatively modern digital contact QSO and chat mode that provides 100% error free contact. *FreeD*, a new digital voice mode that reduces bandwidth and increases SNR over analog SSB, and *Feld-Hell*, a mode originally developed in the 1920s, but today soundcard software is still being developed today that is compatible with older Hellschreiber teleprinters. Darren also covers the latest advancements in digital soundcard modes.

10:35 A.M. – 11:35 A.M.

DX Forum

Rick Roderick, K5UR (First Vice President, ARRL)

Operating Tips on new Grids, Countries and Zones

11:45 A.M. – 12:30 P.M.

Radio Frequency Particle Accelerators – Another use for RF

Kemit Carlson, W9XA (Sr. Engineering Physicist, Accelerator Division Super-Conducting RF Department, Fermilab National Laboratory)

Kemit, with over 25-years at Fermilab National Accelerator Laboratory will discuss how their scientists search and examine the tiniest known pieces of matter and generally help discover the secrets of the cosmos. Kemit is a very active ham and the ARRL Central Division Vice-Director. During the rest of the show you can chat with him at the ARRL booth about ham radio, Physics and particle accelerators.

12:40 P.M. – 2:45 P.M.

I've got this space ... Now What? (And More!) – *Emmett Hohensee, W0QH (Chief Engineer, Radiowavz)* A discussion of the best antenna options for your operating environment. A sharing of ideas gleaned from years of experience as an active ham and antenna designer and manufacturer. After a 15-minute break Emmett will continue, but shifting to other interesting and entertaining ham-related topics.

**View streaming
video of Superfest
action and forums
at:
[http://www.ustream.
tv/channel/superfest](http://www.ustream.tv/channel/superfest)**

Talk-in: N9LKH (145.130/144.530, PL 127.3 Hz) and KC9LKZ (M.A.D.O.G.) UHF D-Star, 442.46875 +

Free Parking – If the AES lot is full please use the Elks' Lodge lot just across the street and to the East

Specials / Instant Coupons: If you are unable to come to Superfest, call 1-800-558-0411 or check our Website (www.aesham.com) during show hours for any Specials or Instant Coupons that are in effect for the show.

AMATEUR ELECTRONIC SUPPLY – 5710 W. Good Hope Road Milwaukee, WI 53223 414-358-0333 • 1-800-558-0411 • www.aesham.com